



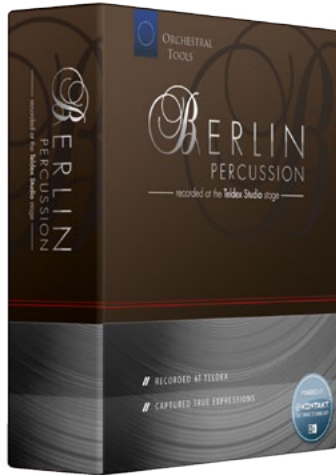
ORCHESTRAL TOOLS
FINEST SYMPHONIC SAMPLING PROJECT



BERLIN PERCUSSION

ARTICULATIONS - TECHNIQUES

www.orchestraltools.com



BERLIN PERCUSSION

BPC - Main Collection

SPECIFICATIONS

- Recorded at the **Teldex Scoring Stage** Berlin
- One of the most extensively sampled Orchestral Percussion libraries
- **7 individually sampled Snare Drums** on different room positions let you build your own snare drum ensembles
- All instruments **consistently sampled** with their full dynamic range with **up to 8 dynamic layers and 20RRs**
- 4 differently sized Bass Drums
- Extensively sampled melodic Percussion with up to **3 different mallets**
- **Rolls controllable by Xfade**
- Pre-recorded dynamics (crescendos, diminuendos, swells...)
- Works with the **free Kontakt Player** and Kontakt 5 full

BERLIN PERCUSSION

MAIN COLLECTION

Berlin Percussion marks another major addition to the **Berlin Series**. A series well known for its flexibility, detail and its extensive sets of articulations, recorded with first call musicians from world-famous Orchestras at the **Teldex Scoring Stage** in Berlin. In addition to all the new approaches and features brought by this Collection, it is the sound that makes **Berlin Percussion** outstanding. All instruments are recorded in their natural positions within the beautiful acoustics of Teldex, famous for its perfect proportions of reverb for samples and live recordings. **A room that isn't too wet** to stay flexible with your productions and which **also isn't too dry** so that its natural acoustics help to blend all the orchestral instruments together as one entity.

With Berlin Percussion we followed the **Multiple Instrument Concept** that allows you to create your own unique percussion ensembles out of e.g. **7 different Snare Drums** or **4 sizes of Gran Cassas**. All of them are sampled individually and rich in details and articulations. A **uniform mapping structure** and articulation set let you easily stack instruments over each other. All articulations and instruments are preserved in their **natural volume balance**. Switching e.g. from one snare drum to any other without changing notes in your arrangement is now possible.

The Instruments in **Berlin Percussion** offer a range of dynamics never heard before and with **CAPSULE** we were able to create absolutely smooth transition curves between all these dynamic layers to come as close to the real instrument as possible. The propensity to detail, the **extensive set of articulations** and the **different mallets** you can choose from make **Berlin Percussion** a superb Orchestral Composing Tool which is designed to be used for many a year.

Like all **Berlin Series** Collections, **Berlin Percussion** will use **the most powerful articulation system CAPSULE** within Kontakt which is especially designed to unveil all the potential that lies in our extensive Sample Content.

Bass Drum 28"

Single Hits	5RR
Single Hits Damped	5RR
Rimshot Rute Fell	8RR
Rimshot Rute Rim	10RR
Double Strokes	3RR
Triple Strokes	3RR
Quadruple Strokes	3RR
Forte Piano	
Rolls	
Rolls Acc	
Dynamics*	

Bass Drum 34"

Single Hits	5RR
Single Hits Damped	5RR
Rimshot Rute Rim	8RR
Rimshot Rute Fell	10RR
Rolls	
Rolls Acc	
Double Strokes	3RR
Triple Strokes	3RR
Quadruple Strokes	3RR
Forte Piano	
Dynamics*	

Bass Drum 39"

Single Hits	5RR
Single Hits Damped	5RR
Rimshot Rute Rim	8RR
Rimshot Rute Fell	10RR
Rolls	
Rolls Acc	
Double Strokes	3RR
Triple Strokes	3RR
Quadruple Strokes	3RR
Forte Piano	

Dynamics*

Bass Drum 40"

Single Hits	5RR
Single Hits Damped	8RR
Rimshot Rute Rim	8RR
Rimshot Rute Fell	10RR
Rolls	
Rolls Acc	
Double Strokes	3RR
Triple Strokes	3RR
Quadruple Strokes	3RR
Forte Piano	
Dynamics*	

Firecracker Snare 10"

Single Hits	9RR
Rimshot	4RR
Rolls	
Rolls ACC	
Double Stroke Rolls	
Double Stroke Rolls Acc	
Ricochet	4RR
Forte Piano	
Double Strokes	3RR
Triple Strokes	3RR
Quadruple Strokes	3RR
Dynamics*	

Firecracker Snare 10" Dry

Single Hits	9RR
Rolls	
Rolls Acc	
Double Stroke Rolls	
Double Stroke Rolls Acc	
Ricochet	4RR
Double Strokes	3RR
Triple Strokes	3RR

Quadruple Strokes 3RR

Dynamics*

Piccolo Snare 13"

Single Hits 9RR
 Rolls
 Rolls Acc
 Double Stroke Rolls
 Double Stroke Rolls Acc
 Forte Piano
 Double Strokes 3RR
 Triple Strokes 3RR
 Quadruple Strokes 3RR
 Dynamics*

Piccolo Snare 13" Dry

Single Hits 9RR
 Rolls
 Rolls Acc
 Double Stroke Rolls
 Double Stroke Rolls Acc
 Forte Piano
 Double Strokes 3RR
 Triple Strokes 3RR
 Quadruple Strokes 3RR
 Dynamics*

Dresdner Snare 13"

Single Hits 9RR
 Rimshot 5RR
 Rolls
 Rolls Acc
 Double Stroke Rolls
 Double Stroke Rolls Acc
 Ricochet 4RR
 Forte Piano
 Double Strokes 3RR
 Triple Strokes 3RR

Quadruple Strokes 3RR

Dynamics*

Dresdner Snare 13" Dry

Single Hits 9RR
 Rimshot 4RR
 Rolls
 Rolls Acc
 Double Stroke Rolls
 Double Stroke Rolls Acc
 Ricochet 4RR
 Forte Piano
 Double Strokes 3RR
 Triple Strokes 3RR
 Quadruple Strokes 3RR
 Wireless Dynamics*

Majestic Pro Snare 14"

Single Hits 9RR
 Rimshot 4RR
 Rolls
 Rolls Acc
 Double Stroke Rolls
 Double Stroke Rolls Acc
 Ricochet 4RR
 Forte Piano
 Double Strokes 3RR
 Triple Strokes 3RR
 Quadruple Strokes 3RR
 Dynamics*

Majestic Pro Snare 14" Dry

Single Hits 9RR
 Rimshot 4RR
 Rolls
 Rolls Acc
 Double Stroke Rolls
 Double Stroke Rolls Acc

Ricochet.....	4RR
Forte Piano	
Double Strokes.....	3RR
Triple Strokes.....	3RR
Quadruple Strokes.....	3RR
Dynamics*	

Majestic Pro Snare 14" full wire

Single Hits.....	9RR
Rolls	
Rolls Acc	
Double Stroke Rolls	
Double Stroke Rolls Acc	
Forte Piano	
Double Strokes.....	3RR
Triple Strokes.....	3RR
Quadruple Strokes.....	3RR
Dynamics*	

Majestic Pro Snare 14" wire 3rd pos.

Single Hits.....	9RR
Rolls	
Rolls Acc	
Double Stroke Rolls	
Double Stroke Rolls Acc	
Forte Piano	
Double Strokes.....	3RR
Triple Strokes.....	3RR
Quadruple Strokes.....	3RR
Dynamics*	

Field Drum 14"

Single Hits.....	9RR
Rimshot.....	4RR
Rolls	
Rolls Acc	
Double Stroke Rolls	
Double Stroke Rolls Acc	

Ricochet.....	4RR
Forte Piano	
Double Strokes.....	3RR
Triple Strokes.....	3RR
Quadruple Strokes.....	3RR
Dynamics*	

Field Drum 14" Dry

Single Hits.....	9RR
Rimshot.....	4RR
Rolls	
Rolls Acc	
Double Stroke Rolls	
Double Stroke Rolls Acc	
Ricochet 4RR	
Forte Piano	
Double Strokes.....	3RR
Triple Strokes.....	3RR
Quadruple Strokes.....	3RR
Dynamics*	

Basler Drum 16"

Single Hits.....	9RR
Rolls	
Rolls Acc	
Double Stroke Rolls	
Double Stroke Rolls Acc	
Ricochet.....	4RR
Forte Piano	
Double Strokes.....	3RR
Triple Strokes.....	3RR
Quadruple Strokes.....	3RR
Dynamics*	

Tenor Drum 16"

Single Hits.....	20RR
Rimshot	
Rolls	

Rolls Acc	
Double Stroke Rolls	
Double Stroke Rolls Acc	
Ricochet	
Forte Piano	
Double Strokes	3RR
Triple Strokes	3RR
Quadruple Strokes	3RR
Dynamics*	

Tenor Drum 16" Dry

Single Hits	20RR
Rimshot	
Rolls	
Rolls Acc	
Double Stroke Rolls	
Double Stroke Rolls Acc	
Ricochet.....	4RR
Forte Piano	
Double Strokes.....	3RR
Triple Strokes	3RR
Quadruple Strokes	3RR
Dynamics*	

Toms (13",14",15",16")

Single Hits	9RR
Rolls	
Rolls Acc	
Double Stroke Rolls	
Double Stroke Rolls Acc	
Forte Piano	
Double Strokes.....	3RR
Triple Strokes	3RR
Quadruple Strokes	3RR
Dynamics*	

Roto Toms (8",10",12",14",18")

Single Hits	9RR
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Rolls	
Rolls Acc	
Double Stroke Rolls	
Double Stroke Rolls Acc	
Forte Piano	
Double Strokes	3RR
Triple Strokes	3RR
Quadruple Strokes.....	3RR
Dynamics*	

Timbales (13",14")

Single Hits	20RR
Rolls	
Rolls Acc	
Double Stroke Rolls	
Double Stroke Rolls Acc	
Single Hits Rubber	20RR
Ricochet 4RR	
Forte Piano	
Double Strokes	3RR
Triple Strokes	3RR
Quadruple Strokes.....	3RR
Dynamics*	

Bongo Set 1

Single Hits	10RR
Single Hits Finger.....	16RR
Single Hits Floating Hand.....	10RR
Single Hits Open Slap	6RR
Single Hits Muted Hand	5RR
Single Hits Muted Finger Slap	5RR
Wiped	5RR
Wiped & Hitted.....	5RR
Double Strokes.....	3RR
Triple Strokes	3RR
Quadruple Strokes	3RR
Rolls	
Rolls Acc	

Dynamics*

Bongo Set 2

Single Hits 1ORR
Single Hits Finger 1ORR
Single Hits Floating Hand.....1ORR
Single Hits Open Slap 6RR
Single Hits Muted Hand 1ORR
Double Strokes..... 3RR
Triple Strokes 3RR
Quadruple Strokes 3RR
Rolls
Rolls Acc
Dynamics*

Congas

Single Hits 1ORR
Single Hits Slap..... 5RR
Single Hits Floating Hand..... 1ORR
Single Hits Open Slap 1ORR
Single Hits Fist Punch 5RR
Single Hits Muted Slap..... 5RR
Basshits 5RR
Wiped..... 5RR
Forte Piano
Double Strokes..... 3RR
Triple Strokes 3RR
Quadruple Strokes 3RR
Rolls
Rolls Acc
Dynamics*

Celesta

Sustains 2RR
Staccato 4RR

Vibraphone

Normal Mallet Sustains

Normal Mallet Staccato3RR
Soft Mallet Sustains
Soft Mallet Staccato3RR
Rotator Slow Sustains
Rotator Fast Sustains
Tremolo
Glissando Up Sustained
Glissando Down Sustained

Marimbaphone

Normal Mallet7RR
Soft Mallet7RR
Hard Mallet.....7RR
Tremolo

Xylophone

Sustains 1ORR
Tremolo
Glissandi

Crotales

Sustains 3RR
Stopped 3RR
Muted 3RR
Bowed 2RR

Glockenspiel

Normal Sustains 3RR
Normal Vibrato
Normal Staccato 5RR
Normal Tremolo Short..... 2RR
Normal Tremolo sfz 2RR
Normal Glissando
Soft Sustains 3RR
Soft Vibrato
Soft Glissando
Hard Sustains 3RR

Tubular Bells

Soft Sustains
Soft Staccato 3RR
Hard Sustains
Hard Staccato 3RR

Cow Bells

Soft Mallet 4RR
Soft Mallet Tremolo
Hard Mallet 4RR

Zildjian 14" Cymbal

Single Hits 4RR
Single Hits Stopped 4RR
Scratches 4RR
Bowed 5RR
Forte Piano
Rolls
Crescendo (4 lengths)

Zildjian 14" Brush Cymbal

Single Hits 4RR
Single Hits Stopped 4RR
Rolls
Crescendo (4 lengths)

Zildjian 16" Cymbal

Single Hits 4RR
Single Hits Stopped 4RR
Scratches 4RR
Bowed 5RR
Forte Piano
Rolls
Crescendo (4 lengths)

Zildjian 16" Brush Cymbal

Single Hits 4RR

Single Hits Stopped 4RR
Rolls
Crescendo (4 lengths)

Meinl 18" Cymbal

Single Hits 4RR
Single Hits Stopped 4RR
Scratches 4RR
Bowed 5RR
Rolls
Crescendo (4 lengths)

Meinl 18" Brush Cymbal

Single Hits 4RR
Single Hits Stopped 4RR
Rolls
Crescendo (4 lengths)

Sabian 20" Cymbal

Single Hits 4RR
Single Hits Stopped 4RR
Scratches 4RR
Bowed 5RR
Rolls
Crescendo (4 lengths)

Sabian 20" Brush Cymbal

Single Hits 4RR
Single Hits Stopped 4RR
Rolls
Crescendo (4 lengths)

Piatti 15"

Single Hits (4 lengths) 3RR
Scratches Short 3RR
Scratches Long 3RR

Piatti 19"

Single Hits (4 lengths).....3RR

Piatti 20"

Single Hits (4 lengths).....3RR

Tamtam 65cm

Single Hits 4RR

Single Hits Stopped 3RR

Rolls

Rolls Damped

Scratches Triangle (thin,mid,thick) 3RR

Crescendo (4 lengths)

Tamtam 85cm

Single Hits4RR

Single Hits Ringing 5RR

Single Hits Stopped 3RR

Single Hits Soft Ringing

Rolls

Rolls Damped

Scratches Triangle (thin,mid,thick) 3RR

Crescendo (5 lengths)

Tamtam 105cm

Single Hits4RR

Single Hits Ringing5RR

Single Hits Stopped 3RR

Single Hits Soft Ringing

Rolls

Rolls Damped

Scratches Triangle (thin,mid,thick) 3RR

Crescendo (4 lengths)

Tamtam 130cm

Single Hits 4RR

Single Hits Ringing5RR

Single Hits Stopped3RR

Single Hits Soft Ringing

Rolls

Rolls Damped

Scratches Triangle (thin,mid,thick).....3RR

Crescendo (4 lengths)

Tamtam 130cm Timp Mallet

Single Hits4RR

Single Hits Ringing.....5RR

Single Hits Soft Ringing

Rolls

Crescendo (4 lengths)

Tamtam 130cm Vib Mallet

Single Hits4RR

Single Hits Ringing5RR

Single Hits Soft Ringing

Rolls

Crescendo (4 lengths)

Thunder Sheet 1

Single Hits3RR

Fist Punched3RR

Scratch Hits.....3RR

Scratch Hits Acc.....2RR

Rolls

Thunder Sheet 2

Single Hits3RR

Rolls

Anvil and Breakdrums

Single Hits.....5RR

Double Strokes.....5RR

Bell Tree

Sustains

Glissandi

Triangle 1-3

Jingles

Single Hits 5RR

Single Hits Stopped

Rolls

Chimes

Metal Chimes 1

Metal Chimes 2

Glass Chimes

Bamboo Chimes

Seashell Tree

Sustains

Shake Short

Shake Long

Atmo

Single Hits

Staccato Hits

Dynamics

Tambourine I

Single Hits 10RR

Rolls

Rolls Acc

Double Stroke Rolls

Double Stroke Rolls Acc

Forte Piano

Double Strokes 2RR

Triple Strokes 2RR

Quadruple Strokes 2RR

Dynamics*

Tambourine II

Single Hits 10RR

Rolls

Rolls Acc

Forte Piano

Double Strokes 2RR

Triple Strokes 2RR

Quadruple Strokes 2RR

Dynamics*

Headless Tambourine I & II

Single Hits 5RR

Rollsgths)

Guiro

Shorts (2 lengths)

Speeds (4 lengths)

Parts

Dynamics Fast->Slow

Dynamics Slow->Fast

Misc Percussion

Body Percussion

Shakers

Castanets

Claves

Templeblocks 1

Templeblocks 2

Templeblocks 3

Templeblocks 4

Woodblocks

Toys

Sleigh Bells

Railroad Bell

Ship Bells

Finger Cymbals

Windmaker

Cab Horns

Drumsticks

Vibraslap

Bird Call

Cuckoo

Duck Call

Fog Horn



The Room

TELDEX SCORING STAGE

Our carefully recorded collections of the **Berlin Series** were captured in one of the best acoustic spaces for orchestral productions. When it comes down to hundreds of notes played in parallel, the acoustic properties of the sampled material turn out to be one of the most crucial elements in terms of realistic and convincing mock-ups, where all individual instruments and sections need to merge together to create a full orchestral soundscape. The acoustic characteristics of the **Teldex Scoring Stage** are simply paramount: Instruments and sections blend together in a way never heard before; all these captured details will be there, even if the full orchestra is playing. Most orchestral libraries tend to be too wet to preserve details and flexibility, some are too dry to recreate a whole orchestral body. With the **Berlin Series** we present you **the perfect balance** between these two worlds.

Teldex looks back on a long tradition of many well-known and **Grammy® Award-winning productions**. Recordings were done for famous Orchestras like the **Berlin Philharmonic Orchestra**, **London Symphony Orchestra** or the **Chicago Symphony Orchestra**. A lot of film scores composed by **Danny Elfman**, **Howard Shore**, **Alan Silvestri** or **David Newman** were recorded in this unique sounding space.

*"Berlin Woodwinds was more than just a recording;
it was done in one of the best places you can get..."*

Wolfgang Fraissinet,

President of NEUMANN Microphones

*"When it comes to orchestral sampling, you've to care about three things:
The concept, the musicians, and the acoustic space."*

Hendrik Schwarzer,

composer, co-Founder of Orchestral Tools



SINGLE Articulations



Capsule adjusts to your way of working, regardless whether you want a dedicated track for each articulation or if you wish to have as many articulations as possible on a single MIDI track. **It's your choice with our single and multi patch design.** Almost all features of our single patches are available, too, via the wrench button in our multi patches. Here are the features of **Capsule**, our new engine within **Kontakt**.

Intelligent Mixer with Auto-Gain (Volume Compensation), Audio Out Routing and Grouping Options

Deactivate specific Dynamic Layers

Define your own Round Robin rules

Add pre-defined dynamic filters for smoother dynamic blending

Purge specific Round Robins out of RAM

Controller Table: Add your own interpreter envelope curves to any MIDI CC

Switch between XFade dynamics or Velocity control

MULTI

Articulations



Apply True Legato to any long articulation!

Transform a trills or a tremolo articulation into a True Legato patch. Build your own combinations with up to 3 assignable legato speed slots per articulation, which will be triggered and will adapt to your playing speed. (e.g. at slow playing: Slurred Legato, on very fast performances fast runs).

Polyphonic Keyswitch Concept

Play up to 4 articulations simultaneously and choose in realtime between xfading, switching, 2D morphing via MIDI CC or velocity. You don't have to setup complicated sample maps and rules in advance. Just perform.

2D Morphing of articulations for sfx and sound design applications

NEW

BALANCED

With our newest version of the Berlin Series, all instruments, dynamic ranges, articulations and microphone positions are balanced to keep the natural dynamics of a real orchestra within our Berlin Series.

Articulations: All articulations fit each other perfectly. Switching between articulations within the multi patches feels natural and fluid.

Instruments: The dynamic ranges of each instrument in our Berlin Series are modeled after reference recordings we did with a real orchestra. Also the volume relations between all instruments are preserved.

Release Samples: All release samples were re-edited to preserve the natural room acoustics within the samples.

Mic Positions: The mic positions are balanced to each other. This way you're able to use our new auto gain feature to blend through the microphone mix without losing the instrument volume relations.



HD BACKUP SERVICE

To avoid long download times with slow internet providers or as a backup solution to save your *Orchestral Tools* collections, we recommend our HD backup service on a super fast SSD. Add this product to your shopping cart before checking out to get all libraries in the current order on a **SSD storage device**.

The drive will be shipped within 2-3 weeks after placement of order (if the library is already released).

Delivery time depends on target country and customs.

TYPE: 2.5" SATA III

TYPE: 840 EVO Series

STORAGE: 250GB Capacity

FEATURES: Sequential Read Speed: 540 MB/s

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Orchestral Tools is a project driven by the Schwarzer & Mantik GmbH. Our general Terms and Conditions shall apply and are recognized by your order on our website at orchestraltools.com.

Photos by: Sascha Knorr and Florian Döhring

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